Freeform Search

Database: US Pre-Grant Publication Full-Text Database
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Derwent World Patents Index
IBM Technical Disclosure Bulletins

Term: (glass ceramic) and (thermal image or thermal display)

Display: 10 **Documents in Display Format:** - **Starting with Number** 1

Generate: O **Hit List** ◉ **Hit Count** O **Side by Side** O **Image**

Search Clear Interrupt

Search History

DATE: Tuesday, June 07, 2005 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
L54	(glass ceramic) and (thermal image or thermal display)	60	L54
L53	(glass ceramic) same (thermal image)	0	L53
L52	L51 and (temperature or thermal or opacity or opaque)	59	L52
L51	(glass ceramic) same (different color)	74	L51
	DB=PGPB,USPT,USOC,EPAB,JPAB; PLUR=YES; OP=ADJ		
L50	L49 and (glass ceramic)	37	L50
L49	(374/101,102,103,104,106,112,110,161,162,159,208;116/200,206)![CCLS]	5212	L49
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
L48	glass ceramic array	4	L48
L47	L46 and (temperature or thermal or opacity or opaque)	169	L47
L46	(glass ceramic) same (different composition)	182	L46
L45	L44 and (thermal or temperature)	3	L45
L44	plural$3 glass ceramic substrates	3	L44
	DB=USPT; PLUR=YES; OP=ADJ		
L43	3802892.pn.	1	L43

L42	3912525.pn.	1	L42
L41	3816172.pn.	1	L41
DB=USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ			
L40	61017439	1	L40
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ			
L39	L5 same (temperature indicat$4 or thermal sensor or thermal history or time temperature)	21	L39
L38	L5 and (temperature or thermal sensor or thermal history or time temperature)	913	L38
DB=USPT; PLUR=YES; OP=ADJ			
L37	3237448.pn.	1	L37
L36	5975758.pn.	1	L36
L35	35975758.pn.	0	L35
L34	3950985.pn.	1	L34
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ			
L33	glass ceramic sensor	12	L33
L32	glass ceramic indicator	0	L32
L31	thermal glass ceramic	3	L31
L30	temperature responsive glass ceramic	0	L30
L29	temperature glass ceramic	563	L29
L28	temperature sensi$4 glass ceramic	0	L28
L27	glass ceramic display	13	L27
L26	glass ceramic displayL25	0	L26
L25	(cumulative thermal exposure) and (glass ceramic)	0	L25
L24	(thermal display) and (glass ceramic)	6	L24
L23	irreversible thermal display	0	L23
L22	irrecersible thermal display	0	L22
L21	(irreversible thermal display) and (fisrt substrate or second substrate)	0	L21
L20	(irreversible thermal display) and (glass ceramic)	0	L20
L19	L17 and (second substrate or first substrate)	9	L19
L18	L17 and (ceramic substrate or substrate)	173	L18
L17	374/162	526	L17
L16	L15 and (ceramic substrate or substrate)	236	L16
L15	374/161	763	L15
L14	L13 and (opaque or opacity)	39	L14
L13	374/102	409	L13
L12	374/$.ccls.	28644	L12
L11	L10 and "substrate"	43	L11
L10	L9 and (thermal history or time temperature)	88	L10
L9	lithium aluminum silicate or Ceran-83	643	L9
L8	glass ceramic history or glass ceramic time	5	L8
L7	glass ceramic sensor	12	L7

Searches for User *gverbitsky* (Count = 32415)

Queries 32366 through 32415.

Find | Next | Oldest

Edit | Help | Return

S #	Updt	Database	Query
S32415	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	(glass ceramic) and (thermal image or th
S32414	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	(glass ceramic) same (thermal image)
S32413	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	(glass ceramic) same (different color) an or opacity or opaque)
S32412	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	(glass ceramic) same (different color)
S32411	U	PGPB,USPT,USOC,EPAB,JPAB	(374/101,102,103,104,106,112,110,161, [CCLS] and (glass ceramic)
S32410	U	PGPB,USPT,USOC,EPAB,JPAB	(374/101,102,103,104,106,112,110,161, [CCLS]
S32409	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	glass ceramic array
S32408	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	(glass ceramic) same (different composit thermal or opacity or opaque)
S32407	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	(glass ceramic) same (different composit
S32406	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	plural$3 glass ceramic substrates and (th
S32405	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	plural$3 glass ceramic substrates
S32404	U	USPT	3802892.pn.

S32403	U	USPT	3912525.pn.
S32402	U	USPT	3816172.pn.
S32401	U	USPT,USOC,EPAB,JPAB,DWPI	61017439
S32400	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	glass ceramic composition same (temper sensor or thermal history or time temper
S32399	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	glass ceramic composition and (temperat thermal history or time temperature)
S32398	U	USPT	3237448.pn.
S32397	U	USPT	5975758.pn.
S32396	U	USPT	35975758.pn.
S32395	U	USPT	3950985.pn.
S32394	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	glass ceramic sensor
S32393	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	glass ceramic indicator
S32392	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	thermal glass ceramic
S32391	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	temperature responsive glass ceramic
S32390	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	temperature glass ceramic
S32389	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	temperature sensi$4 glass ceramic
S32388	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	glass ceramic display

S32387	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	glass ceramic displayL25
S32386	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	(cumulative thermal exposure) and (glas:
S32385	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	(thermal display) and (glass ceramic)
S32384	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	irreversible thermal display
S32383	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	irrecersible thermal display
S32382	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	(irreversible thermal display) and (fisrt s substrate)
S32381	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	(irreversible thermal display) and (glass
S32380	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	374/162 and (second substrate or first su
S32379	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	374/162 and (ceramic substrate or substr
S32378	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	374/162
S32377	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	374/161 and (ceramic substrate or substr
S32376	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	374/161
S32375	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	374/102 and (opaque or opacity)
S32374	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	374/102
S32373	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	374/$.ccls.
S32372	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	lithium aluminum silicate or Ceran-83 a

			temperature) and "substrate"
S32371	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	lithium aluminum silicate or Ceran-83 ar temperature)
S32370	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	lithium aluminum silicate or Ceran-83
S32369	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	glass ceramic history or glass ceramic tir
S32368	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	glass ceramic sensor
S32367	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	glass ceramic composition and (thermal l
S32366	U	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD	glass ceramic composition

U, Ag, or Sn (IV) oxide 0-39.

USE/ADVANTAGE - In mfr. of a thermal sensor. Resistivity and resistance/temp. characteristics can be accurately controlled and differential sensors in close tolerance matched form may be produced.

CHOSEN-DRAWING: Dwg.4/15

TITLE- TERMS: THERMAL SENSE GLASS CERAMIC COMPOSITION CONTAIN TRANSITION METAL OXIDE ALKALI ALKALINE EARTH OXIDE GLASS FORMING OXIDE MODIFIED OXIDE

DERWENT-CLASS: L01 L03 S03 V01

CPI-CODES: L01-A08; L01-K; L03-B01A;

EPI-CODES: S03-B01F; V01-A02A;

SECONDARY-ACC-NO:
CPI Secondary Accession Numbers: C1985-050880
Non-CPI Secondary Accession Numbers: N1985-088581

Previous Doc Next Doc Go to Doc#

Previous Doc Next Doc Go to Doc#
First Hit

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L39: Entry 9 of 21 File: DWPI May 15, 1985

DERWENT-ACC-NO: 1985-117731
DERWENT-WEEK: 198520

TITLE: Thermal sensor glass-ceramic compsn. - contg. transition metal oxide(s), alkali and alkaline earth oxide(s), glass forming oxide(s) and modifying oxide(s)

INVENTOR: HOLMES, A

PATENT-ASSIGNEE:

ASSIGNEE	CODE
ROMAG HOLDINGS LTD	ROMAN

PRIORITY-DATA: 1983GB-0027949 (October 19, 1983)

Search Selected Search ALL Clear

PATENT-FAMILY:

	PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
☐	EP 141580 A	May 15, 1985	E	042	
☐	AU 8434520 A	November 21, 1985		000	
☐	JP 61017439 A	January 25, 1986		000	

DESIGNATED-STATES: AT BE CH DE FR GB IT LI LU NL SE

CITED-DOCUMENTS:US 3802892; US 3816172 ; US 3912525

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
EP 141580A	October 17, 1984	1984EP-0307124	
JP 61017439A	October 19, 1984	1984JP-0221118	

INT-CL (IPC): C03C 3/22; C03C 10/00; C03C 15/00; C03C 17/06; C03C 21/00; G01K 7/22; G01K 11/00; H01C 7/02

ABSTRACTED-PUB-NO: EP 141580A
BASIC-ABSTRACT:

Ceramic comprises (in wt.%):transition metal oxide(s) pref. Ti(II), Ni, V(V), Zn, Mn(IV) or Fe(III) oxide 5-60; alkaline earth metal oxide(s) pref. Ca, Mg, Ba or Sr oxide 2-33; alkali metal oxide(s) pref. Li, Nu, Rb or K oxide 0.7-16; glass-forming oxide(s) pref. P(V), Si, Al or B oxide 3.7-40; and modifying oxide(s) pref. Mn, Zr,